NSCoder QTKit Additions Reference

QuickTime > Cocoa

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Inherits from	NSObject
Conforms to	NSObject (NSObject)
Framework	/System/Library/Frameworks/QTKit.framework
Availability	Available in Mac OS X v10.4 and later.
Declared in	QTTime.h QTTimeRange.h

Overview

The QuickTime Kit supports categories on the `NSCoder` class that allow you to encode and decode structures of type `QTTime` and `QTTimeRange`, in addition to structures of type SMPTETime in Mac OS X v10.5.

Tasks

Encoding Time and Time Ranges

- `encodeQTTime:forKey:` (page 6)
  Encodes a QTTime structure.
- `encodeQTTimeRange:forKey:` (page 7)
  Encodes a QTTimeRange structure range.
- `encodeSMPTETime:forKey:` (page 7)
  Encodes an SMPTETime for the given key.

Decoding Time and Time Ranges

- `decodeQTTimeForKey:` (page 6)
  Decodes a QTTime structure.
- `decodeQTTimeRangeForKey:` (page 6)
  Decodes a QTTimeRange structure.
- `decodeSMPTETimeForKey:` (page 6)
  Decodes an SMPTETime structure encoded by the receiver for the given key.

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Instance Methods

decodeQTTimeForKey:

Decodes a QTTime structure.

```
- (QTTime)decodeQTTimeForKey:(NSString *)key
```

Discussion
This method matches an encode `QTTime` message used during encoding.

Availability
Available in Mac OS X v10.3 and later.

Declared In
`QTTime.h`

decodeQTTimeRangeForKey:

Decodes a QTTimeRange structure.

```
- (QTTimeRange)decodeQTTimeRangeForKey:(NSString *)key
```

Discussion
This method matches an encode `QTTimeRange` message used during encoding.

Availability
Available in Mac OS X v10.3 and later.

Declared In
`QTTimeRange.h`

decodeSMPTETimeForKey:

Decodes an SMPTETime structure encoded by the receiver for the given key.

```
- (SMPTETime)decodeSMPTETimeForKey:(NSString *)key
```

Availability
Mac OS X v10.5 and later.

Declared In
`QTTime.h`

encodeQTTime:forKey:

Encodes a QTTime structure.

```
- (void)encodeQTTime:(QTTime)timeforKey
    :(NSString *)key
```


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Discussion
This method must be matched by a decode `QTTime` message.

Availability
Available in Mac OS X v10.3 and later.

Declared In
`QTTime.h`

encodeQTTimeRange:forKey:

Encodes a QTTimeRange structure range.

```
- (void)encodeQTTimeRange:(QTTimeRange)rangeforKey
    :(NSString *)key
```

Discussion
This method must be matched by a decode `QTTimeRange` message.

Availability
Available in Mac OS X v10.3 and later.

Declared In
`QTTimeRange.h`

encodeSMPTETime:forKey:

Encodes an SMPTETime for the given key.

```
- (void)encodeSMPTETime:(SMPTETime)time
    forKey:(NSString *)key
```

Availability
Mac OS X v10.5 and later.

Declared In
`QTTime.h`

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Document Revision History

This table describes the changes to *NSCoder QTKit Additions Reference*.

Date	Notes
2007-05-07	Updated for Mac OS X v10.5, with new SMPTETime methods.

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